

What is claimed is:

1. A base services architecture for a netcentric computing system, comprising,
at least one web server connected with an Internet connection and at least one
client; and
at least one web server service, at least one push/pull service, at least one
workflow service, at least one batch processing service and at least one report service
located on said web server.
2. The base services architecture of claim 1, wherein said web server service
enables said web server to transfer and publish a plurality of documents in a web browser on
said client.
3. The base services architecture of claim 2, wherein said documents are
transferred to said web browser in an HTML format.
4. The base services architecture of claim 1, wherein said web server service
enables said web server to transfer and execute a plurality of software applications in a web
browser on said client.
5. The base services architecture of claim 1, wherein said web server service is
capable of processing scripts on said web server in response to requests by said client.
6. The base services architecture of claim 5, wherein said scripts may be selected
from the group consisting of common gateway interface scripts and active server page scripts.
7. The base services architecture of claim 1, wherein said web server service
caches a plurality of web pages that are generated by said web server in response to requests
from said client.
8. The base services architecture of claim 1, wherein said push/pull service
automatically notifies members of a subscriber list on said netcentric computing system when
a particular piece of information has been changed or updated.
9. The base services architecture of claim 1, wherein said workflow service uses
said web server to control a plurality of business tasks that must be completed to process a
business event in said netcentric computing system.

10. The base services architecture of claim 1, wherein said workflow service includes role management services, route management services, rule management services and queue management services.

11. The base services architecture of claim 1, wherein said batch processing service includes batch driver services, restart/recovery services, batch balancing services and batch report services.

12. The base services architecture of claim 11, wherein said batch driver services control execution of at least one batch application in said netcentric computing system.

13. The base services architecture of claim 11, wherein said restart/recovery services automatically recover and restart a batch application if an error event is experienced while the netcentric computing system is processing said batch application.

14. The base services architecture of claim 11, wherein said batch balancing service tracks run-to-run balances and totals of a plurality of predetermined data values for at least one batch application.

15. The base services architecture of claim 11, wherein said batch report services include at least one report application that automatically generates a predetermined report which summarizes the execution of a respective batch application on said netcentric computing system, wherein said report may be selected from the group consisting of an e-mail file, a printed document, a fax, an electronic archive file and an HTML document.

16. The base services architecture of claim 1, wherein said report services include report driver services, report definition services, report build services and report distribution services.

17. A base services architecture for a netcentric computing system, comprising:
at least one web server connected with an Internet connection and at least one client, wherein said client includes a web browser;
a web server service located on said web server, wherein said web server service enables said web server to transfer and publish a plurality of documents in said web browser on said client;

a push/pull service on said web server for automatically notifying members of a subscriber list on said netcentric computing system when a particular piece of information has been changed or updated;

5 a workflow service on said web server that includes role management services, route management services, rule management services and queue management services;

a batch processing service on said web server that includes batch driver services, restart/recovery services, batch balancing services and batch report services; and

10 a report service on said web server that includes report driver services, report definition services, report build services and report distribution services.

18. The base services architecture of claim 17, wherein said documents are transferred to said web browser in HTML format.

15 19. The base services architecture of claim 17, wherein said web server service enables said web server to transfer and execute a plurality of software applications in a web browser on said client.

20 20. The base services architecture of claim 17, wherein said web server service is capable of processing scripts on said web server in response to requests by said clients.

25 21. The base services architecture of claim 20, wherein said scripts may be selected from the group consisting of common gateway interface scripts and active server page scripts.

22. The base services architecture of claim 17, wherein said web server service caches a plurality of web pages that are generated by said web server in response to requests from said client.

30 23. The base services architecture of claim 17, wherein said workflow service controls a plurality of business tasks that must be completed to process a business event in said netcentric computing system.

35 24. The base services architecture of claim 17, wherein said batch driver services control execution of at least one batch application in said netcentric computing system.

25. The base services architecture of claim 17, wherein said restart/recovery services automatically recover and restart a batch application if an error event is experienced while the netcentric computing system is processing said batch application.

26. The base services architecture of claim 17, wherein said batch balancing service tracks run-to-run balances and totals of a plurality of predetermined data values for at least one batch application.

27. The base services architecture of claim 17, wherein said batch report services include at least one report application that automatically generates a predetermined report which summarizes the execution of a respective batch application on said netcentric computing system, wherein said report may be selected from the group consisting of an e-mail file, a printed document, a fax, an electronic archive file and an HTML document.

28. A method of providing a base services architecture in a netcentric computing system, comprising the steps of:

providing at least one web server connected with an Internet connection and at least one client, wherein said client includes a web browser;

transferring and publishing a plurality of documents to said web browser on said client with a web server service located on said web server;

automatically notifying members of a subscriber list on said netcentric computing system when a particular piece of information has been changed or updated with a push/pull service on said web server;

managing workflow in said netcentric computing system with a workflow service on said web server that includes role management service, route management services, rule management services and queue management services;

processing at least one batch application on said netcentric computing system with a batch processing service on said web server, wherein said batch processing service includes batch driver services, restart/recovery services, batch balancing services and batch report services; and

generating reports on said netcentric computing system with a report service on said web server, wherein said report service includes report driver services, report definition services, report build services and report distribution services.

29. A batch application framework for a netcentric computing system, comprising:
- at least one batch application;
 - a driver program for controlling said batch application;
 - a system log for holding error, warning, and status messages that are generated by said batch application during execution of said batch application;
 - at least one flat file for storing a plurality of data files that are used by said batch application;
 - at least one data storage table comprising relational databases that store data that is processing by said batch application;
 - a program run log that records statistics related to a single execution of said batch application;
 - a program status file containing a flag for indicating the successful run of said batch application;
 - a batch control table that is used to control restart processing and run-time parameters for said batch application;
 - a posting control table that contains totals of numeric fields used in said data storage table; and
 - a run control table for monitoring the status and size of said flat files.